

California OES Weather Threat Briefing

Monday, July 29, 2019
9:00 AM PDT

Day 1: Hot temperatures continue Monday in the San Joaquin Valley with widespread moderate heat risk impacts

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



WEATHER KEY POINTS

07/29/19 - 08/04/19

Monday-Tuesday

- Warm, breezy, and dry conditions will continue to produce elevated fire weather concerns for portions of the inland areas early next week
- Hot temperatures continue Monday in the San Joaquin Valley with widespread moderate heat risk impacts
- A cooling trend will start to significantly reduce heat impacts across much of the rest of the state
- Monsoon moisture will begin to return on Tuesday with a slight chance of showers and thunderstorms over portions of the Southern Region desert areas. Little to precipitation is expected.

Wednesday-Saturday

- Cooler weather will continue with little heat impacts expected across most of the state, with heat risk impacts increasing late in the week over the desert portions of the Southern Region
- The threat of showers and thunderstorms continues over portions of the Southern Region through late in the week. Little to precipitation is expected.

Sunday

- Warmer temperatures continue across the state with potential for moderate heat impacts especially across the San Joaquin Valley and the southern desert areas



CALIFORNIA WEATHER IMPACTS

07/29/19 - 08/04/19

<u>Hazards / Day</u>	MON	TUE	WED	THU	FRI	SAT	SUN
Non-Thunderstorm Damaging Winds							
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)		Southern	Southern	Southern	Southern		
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	All Regions	All Regions	All Regions	All Regions	All Regions	All Regions	All Regions
Heat Risk	Inland/ Southern	Inland/ Southern			Inland/ Southern	Inland/ Southern	Inland/ Southern
Heavy Rain / Flash Flooding / Debris Flow							
Extreme Cold							



No Impacts



Minimal Impacts

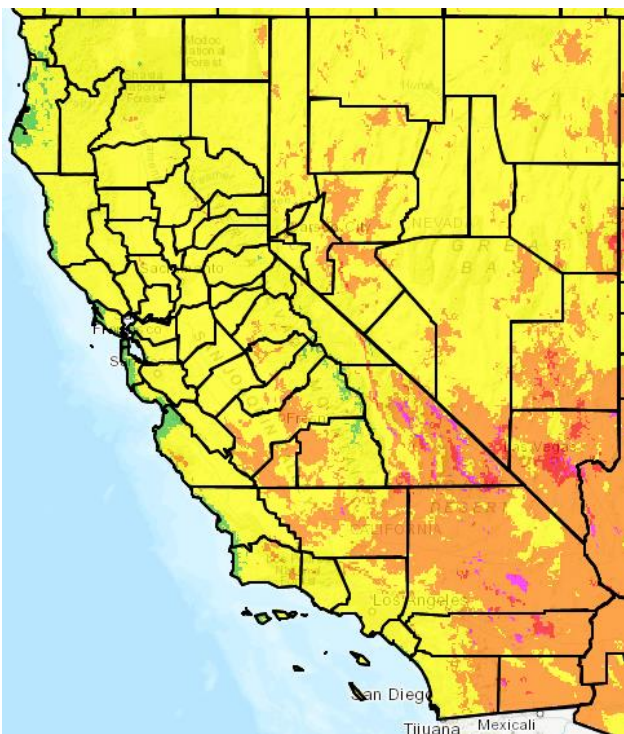


Moderate Impacts

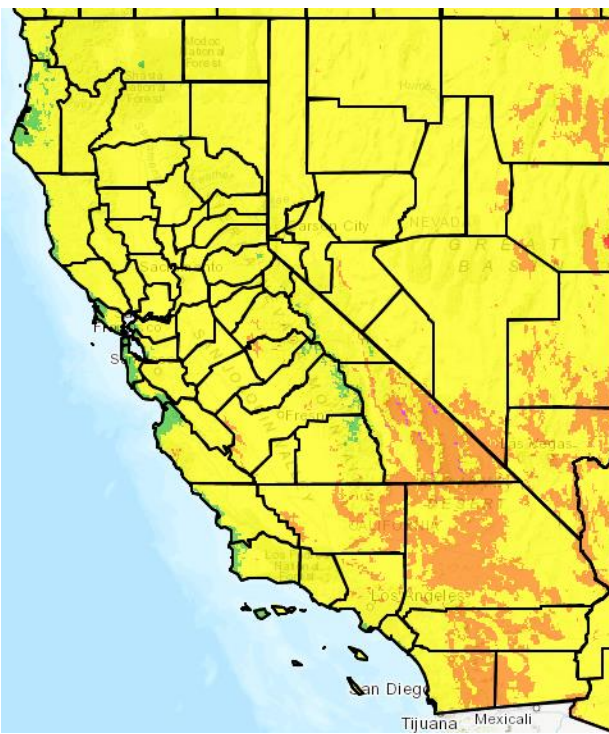


Severe Impacts

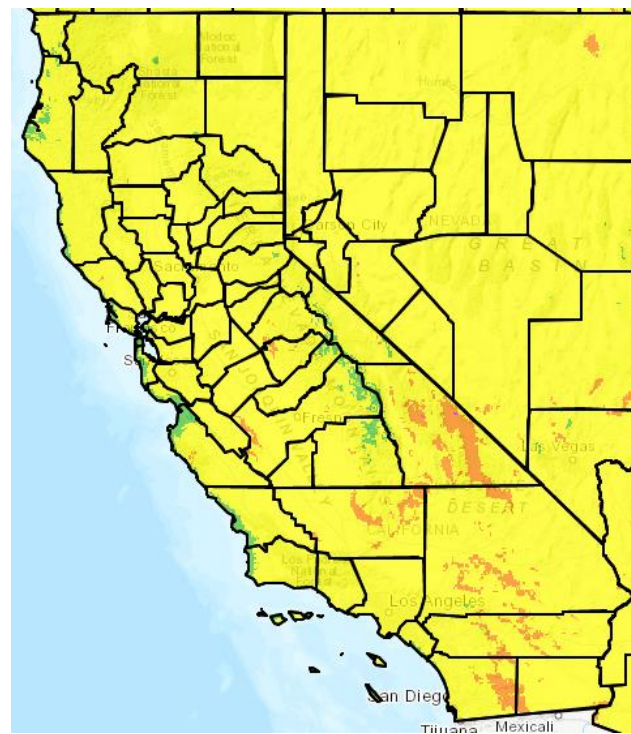
EXPERIMENTAL HEAT RISK FORECAST



Monday, July 29



Tuesday, July 30



Wednesday, July 31

Category	Level	Meaning
Green	0	No Elevated Risk
Yellow	1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Category	Level	Meaning
Red	3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	4	Very High Risk for entire population due to long duration heat, with little to no relief overnight

<https://www.wrh.noaa.gov/wrh/heatrisk/>



PRECIPITATION FORECAST

No significant precipitation is expected over the next 3 days

Precipitation (inches)



WEATHER OUTLOOK

08/03/19 - 08/11/19

6-10 Day Outlook (August 3 – August 7)

Temperatures

- Above normal temperatures favored across the state

Precipitation

- Above normal precipitation slightly favored for southeast CA, elsewhere equal chances of above or below normal precipitation

8-14 Day Outlook (August 4 – August 10)

Temperatures

- Above normal temperatures favored across the state

Precipitation

- Above normal precipitation slightly favored across the state



Information provided by:

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